

47

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group
Art Unit: 3732

Attorney
Docket No.: ZIM0048-02

Applicant: Dana Mears, et al.

Invention: METHOD AND APPARATUS FOR
PERFORMING A MINIMALLY
INVASIVE TOTAL HIP
ARTHROPLASTY

Serial No: 10/053,931


Filed: January 22, 2002

Examiner: Michael B. Priddy

Certificate Under 37 CFR 1.8(a)

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Michael D. Schwartz

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Sir:

Applicants wish to bring to the attention of the Examiner the documents identified on the attached form PTO-1449. Applicants respectfully request that these documents be made of record in the present application. A copy of each of the cited references is attached hereto.

This Information Disclosure Statement is being filed after three months of the U.S. filing but before the mailing date of the first Office Action on the merits. No certification or fee is required.

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Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Michael D. Schwartz", written over a horizontal line.

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Docket Number (Optional) ZIM0048-02		Application Number 10/053,931			
		Applicant(s) Dana Mears et al.					
		Filing Date January 22, 2002		Group Art Unit 3732			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE		
		6,010,535	1/4/00	Shah			
FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Kenneth A. Krackow, M.D. et al.: "Clinical Experience with a Triradiate Exposure of the Hip for Difficult Total Hip Arthroplasty," pp. 267-378, The Journal of Arthroplasty, Sept. 1988					
		Pasquale Petrera, M.D. et al.: "Revision Total Hip Arthroplasty with a Retroperitoneal Approach to the Iliac Vessels," The Journal of Arthroplasty, 1996, pp. 704-708					
		G. Lang et al.: "Arthroplasty of the Hip by Cemented Coupled Cups," 1978, Masson, Paris, Nouv. Presse Med., pp. 3925-3928					
		J. C. Bos et al.: "The surgical anatomy of the superior gluteal nerve and anatomical radiologic bases of the direct lateral approach to the hip" Surgical Radiologic Anatomy, 1994, pp. 253-258					
		Mansho Itokazu et al.: "Exposure of the Hip by Anterior Osteotomy of the Greater Trochanter," Hospital for Joint Diseases Bulletin, 1998, pp. 159-161					
		John J. Joyce, III et al.: "The Anatomical Basis of the Hip Joint Exposures," Number 98, Jan.-Feb. 1974, pp. 27-31					
EXAMINER			DATE CONSIDERED				
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	"Surgery of the Hip Joint," Edited by Raymond G. Tronzo, M.D., Copyright 1973, Lea & Fibiger, Philadelphia	
	Journal of the Japanese Orthopedic Association 75 (2), 2001; Kazuo Kaneko et al., "Total Hip Arthroplasty and Femoral Head Prosthetic Replacement Using Mini Incisions" and Shoichi Shinoda et al., "Joint Use of Acetabular Abduction Osteotomy and Anterior Trochanteric Slide for Osteoarthritis of the Hip Joint	
	Ralph Lusskin et al.: "Combined Anterior and Posterior Approach to the Hip Joint in Reconstructive and Complex Arthroplasty," Department of Orthopedic Surgery, New York University Medical Center, New York, NY, Dec. 1988, pp. 313-322	
	James B. Stiehl et al.: "Extensile Triradiate Approach for Complex Acetabular Reconstruction in Total Hip Arthroplasty," Clinical Orthopaedics and Related Research, 1993, pp. 162-169	
	Richard H. Walker, M.D.: "Pelvic Reconstruction/Total Hip Arthroplasty for Metastatic Acetabular Insufficiency," Clinical Orthopaedics and Related Research, 1993, pp. 170-175	
	Joel M. Matta, M.D.: "Operative Treatment of Acetabular Fractures Through the Iliioinguinal Approach, a 10-year Perspective," Clinical Orthopaedics and Related Research, 1994, pp. 10-19	
	http://www.orthoteers.co.uk , "Pelvis & Acetabulum-Surgical Approaches," 3 pages, Jan., 2001	
	http://www.orthoteers.co.uk , "Hip-Surgical Approaches," 9 pages, Jan. 2001	
	Video Tape - Cementless Ceramic Hip Replacement: The Anterior Approach, Kristaps Keggi, M.D., June 1, 1985	
	Curriculum Vitae of Dr. Kristaps Juris Keggi	
	"Anterior Approach to Hip Arthroplasty," Terry R. Light, M.D., et al. Clinical Orthopaedics and Related Research, pp. 255-260	
	Reference - The Yale Journal of Biology and Medicine, Vol. 66, No. 2, May-Jun. 1993, pp. 243-256	
	"Superior Mesenteric Vein Tear with Total Hip Arthroplasty," Jonathan N. Grauer, M.D., et al., The Journal of Arthroplasty Vol. 16, No. 5, 2001, pp. 671-673	
	"Total Hip Arthroplasty Using the Sweymuller Stem Implanted Without Cement," Michael H. Huo, M.D., et al., The Journal of Arthroplasty Vol. 10, No. 6, 1995, pp. 793-799	
	"Total Hip Replacement Update: Cement v. Cementless Arthroplasty, Ronald W. Lindsey, M.D., et al., Connecticut Medicine, Vol. 52, No. 7, Jul. 1988, pp. 399-401	
	"Primary Ceramic Hip Replacement: A Prospective Study of 119 Hips," Scott A. Hoffinger, M.D., et al., Orthopaedics, May 1991, Vol. 14, pp. 523-531	
	Anatomy and Osteotomy of the Greater Trochanter, John P. Fulkerson, M.D., et al., Archives of Surgery, Vol. 114, Jan. 1979, pp. 19-21	
	"One-Stage Bilateral Total Hip Arthroplasty in Patients >75 Years," Marc A. Weinstein, M.D., et al., Orthopedics, Vol. 25, No. 2, Feb. 2002, pp. 153-156	
	"A Comparison of the Cost Effectiveness of One-Stage versus Two-Stage Bilateral Total Hip Replacement," Mark Lorence, M.D., et al., Orthopedics, Vol. 21, No. 12, Dec. 1998, pp. 1249-1252	
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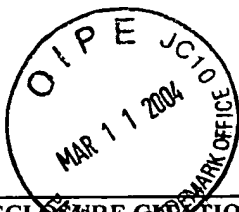
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		"Surgical Exposure and Cement Removal in Revision Total Hip Arthroplasty," Thomas H. Mallory, Seminars in Arthroplasty, Col. 3, No. 4, Oct. 1992, pp. 257-263	
		"Mini-Incision for Total Hip Arthroplasty," John M. Wright, M.D., et al., Orthopedic Special Edition, Vol. 7, No. 2 of 2, 2001, pp. 18-20	
		"Robotics For Surgery," Robert D. Howe et al., Annual Rev. Biomed. Eng. 1999, 1999, pp. 211-240	
		"Minimally Invasive Total Hip Arthroplasty," George F. Chimento, M.D., et al., Operative Techniques in Orthopaedics, Vol. 11, No. 4, October 2001, pp. 270-273	
		"Application of Arthroplasty Principles to Canine Cemented Total Hip Replacement," Kurt S. Schulz, Veterinary Surgery, 2000, pp. 578-593	
		"Anterior Approach to Resurfacing Arthroplasty of the Hip: A Preliminary Experience" Robert P. Hendrikson, M.D. et al, Connecticut Medicine, March 1983, Vol. 47, No. 3, pp. 131-135	
		"A New Era of Minimally Invasive Surgical Approaches for THA," Timothy McTighe, Ph.D., Joint Implant Surgery & Research Foundation December 2002, pp. 2-7	
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